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## Patrick Air Force Base Branch Brevard Campus Catalogues

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# ROLLINS COLLEGE

Winter Park, Florida 32789



THE PATRICK AIR FORCE BASE BRANCH • PATRICK AFB, FLORIDA 32925



This catalog supersedes all previous issues. The College reserves the right at any time to make whatever changes may be found necessary.

ROLLINS COLLEGE BULLETIN

Vol. LXXI

June, 1980

Rollins College prohibits and rejects any discrimination based on race, age, color, sex, creed, national origin, and religion in the selection and admission of students. Further, the practice of discrimination on the basis of race, age, color, sex, creed, national origin, and religion is prohibited in all programs and activities at Rollins College.



# Patrick Air Force Base Branch of ROLLINS COLLEGE *at Patrick Air Force Base, Florida*

Calendar . . . . .	2	Course Offerings . . . . .	10
General Information . . . . .	3	Accounting . . . . .	10
Future. . . . .	3	Art . . . . .	12
Admission Information. . . . .	4	Biology . . . . .	12
Registration . . . . .	4	Business Administration . . . . .	12
Advanced Standing Credit. . . . .	4	Chemistry . . . . .	16
College-Level Examination Program . . . . .	5	Criminal Justice . . . . .	16
Procedures . . . . .	5	Economics . . . . .	19
Tuition and Fees . . . . .	5	Education . . . . .	20
Withdrawal. . . . .	5	English . . . . .	22
Refunds. . . . .	5	Environmental Studies . . . . .	23
Grading System. . . . .	6	Foreign Languages . . . . .	24
Transcripts. . . . .	6	Geography . . . . .	24
Academic Probation & Dismissal . . . . .	6	Geology. . . . .	25
Operation Bootstrap . . . . .	7	History . . . . .	25
Counseling for Seniors . . . . .	7	Humanities. . . . .	27
Degree Conversion. . . . .	7	Interdisciplinary Studies . . . . .	27
Veterans Affairs . . . . .	7	Mathematics. . . . .	29
Associate of Arts Degree Program. . . . .	7	Music . . . . .	31
Fields of Concentration (Majors) . . . . .	7	Philosophy. . . . .	31
Graduation Requirements for the Associate of Arts Degree. . . . .	8	Physics . . . . .	31
Basic Distribution Courses. . . . .	8	Political Science . . . . .	32
Two Bachelor Degree Programs Available. . . . .	8	Psychology. . . . .	33
Bachelor of Science Requirements . . . . .	9	Religion. . . . .	35
Bachelor of General Studies Requirements. . . . .	9	Sociology. . . . .	35
Fields of Concentration . . . . .	10	Speech . . . . .	37
		Theatre Arts. . . . .	37
		Administration & Faculty . . . . .	39



**ROLLINS COLLEGE  
PATRICK AIR FORCE BASE BRANCH**

**CALENDAR**

**PRE-FALL SEMESTER**

	<b>1980-81</b>		<b>1981-82</b>	
Student registration	July	21	July	27
Classes begin	August	4	August	10
Classes end	August	15	August	21

**FALL SEMESTER**

*Returning student registration	August	4-5	August	10-11
New student registration	August	7-8	August	13-14
Classes begin	August	27	August	26
Holiday	September	1	September	7
Holiday	November	27	November	26
Classes end	December	23	December	22

**PRE-SPRING SEMESTER**

Student registration	December	15	December	14
Classes begin	January	5	January	4
Classes end	January	16	January	15

**SPRING SEMESTER**

*Returning student registration	January	5-6	January	4-5
New student registration	January	8-9	January	7-8
Classes begin	January	21	January	20
Classes end	May	5	May	4
Commencement	May	23	May	22

**PRE-SUMMER SEMESTER**

Student registration	April	27	May	3
Classes begin	May	18	May	17
Classes end	May	29	May	28

**SUMMER SEMESTER**

*Returning student registration	May	18	May	17
New student registration	May	21	May	20
Classes begin	June	3	June	2
Holiday	July	4	July	4
Classes end	July	31	July	30

\*Pre-Term Mini-Mesters begin on the first day of Returning Student Registration.



## GENERAL INFORMATION

The Patrick Air Force Base Branch of Rollins College provides undergraduate college courses for qualified individuals primarily during the evening hours. The program offers courses which enable the student to earn the Associate of Arts, Bachelor of Science or Bachelor of General Studies Degree. Individuals who desire admission to the MASTER OF SCIENCE IN CRIMINAL JUSTICE DEGREE PROGRAM should request the appropriate forms from the Office of the Director, Patrick Air Force Base Branch.

Rollins College is a liberal arts college. The selection of courses, therefore, is subject to certain distribution requirements in the Areas of English, Humanities, Social Sciences, and Mathematics and/or Science. In addition to these basic distribution requirements, the Bachelors Degree candidate must have 30-39 semester hours in one of seven fields of concentration (exception - Elementary Education): (1) Accounting, (2) Business Administration and Economics, (3) Criminal Justice, (4) Humanities, (5) Mathematics and/or Science, (6) Elementary Education, or (7) Social Sciences.

Advanced standing credits toward the degree are granted for previous educational experience of college level. Courses completed with a grade of C or better at accredited colleges and universities are acceptable if they contribute to the student's proposed degree program. Individuals may accrue credits from the College-Level Examination Program, USAFI or DANTES courses, and some military and civilian specialty schools. Active duty military personnel or individuals who have served at least 6 years of honorable military active duty, may request 6 semester hours of elective credit for their military experience. Regardless of the number of credits granted for previous educational experience, the last 15 semester hours of the Associate Degree and the last 30 semester hours for the Bachelors degree must be taken in residence. Active duty service personnel and their dependents may meet the residency requirement at any time during their degree program.

Interested individuals who meet academic and professional prerequisites may take courses for professional or personal advancement without becoming degree candidates.

An application for Admission should be submitted prior to the beginning of any term. However, it may be submitted at time of registration. Tentative evaluation of advanced standing credits toward the degree usually will be made after a student has filed an Application for Admission and has provided the necessary transcripts. An official evaluation may be made after the student has completed at least 6 semester hours in the Patrick AFB Branch program.

All Degree programs are fully qualified for benefits under the Veterans Administration and the Law Enforcement Education Program. Rollins College has been designated a Servicemen's Opportunity College.

Rollins College, having been properly recommended, evaluated and approved, is an institutional member of the Association for Continuing Higher Education.

## FUTURE

The Patrick Air Force Base Branch of Rollins College intends to maintain its historical perspective as it adds new programs and revises existing ones. The new families of courses and new fields of concentration will be responsive to the long-range as well as the immediate needs of the Patrick Air Force Base and Brevard community. The Patrick AFB Branch accepts the responsibility of ascertaining that the new directions and new courses which emerge in this School are highly pertinent to societal problems and directly related to their solutions.

Inquiries should be addressed to:

Director, Patrick AFB Branch  
Rollins College  
P.O. Box 4307  
Patrick AFB, Florida 32925  
Phone: 783-7300



## ADMISSION INFORMATION

Courses for credit at the Patrick Air Force Base Branch are open to qualified individuals who are high school graduates or have high school equivalency certificates.

Persons planning to enter the Patrick AFB Branch program should complete and return an Application for Admission form with the \$15.00 application fee at least one month before the term begins. The Application for Admission and the establishment of eligibility to take courses for credit should precede the registration for courses.

There are various methods of establishing admission eligibility depending on the student's educational background or purpose in taking the course(s):

### A student:

- 1) Who has never attended college must submit an **official** high school transcript or a copy of his high school equivalency certificate (or official record of his GED scores).
- 2) Who has previously attended one or more colleges must submit an **official** transcript from the last school attended. (May be completed after registration.)
- 3) Who is currently a candidate for a degree elsewhere is not required to submit a transcript; a letter of good standing, including permission to take courses for credit, signed by a college official, is acceptable.
- 4) Who already has a baccalaureate or higher degree from an accredited college need only submit a statement of graduation signed by an officer of the college or a photostatic copy of his diploma, or a copy of a valid Florida Rank II or higher teacher's certificate.

The above documents become part of the student's permanent record at Rollins College and will not be returned.

## REGISTRATION

Eligible new students may register for courses at the times designated in the Calendar of the Patrick AFB Branch.

No registration is complete until fees are paid and eligibility documents are on file.

The courses offered during a given term are usually selected from the Course Offerings described in this Bulletin; however, other courses are frequently added. Course schedules for each term are available approximately one month before registration.

## ADVANCED STANDING CREDIT

Students may obtain a tentative evaluation of their credits toward a specific degree by making an appointment with a counselor at the PAFB Branch Office. An official evaluation will be made at the appropriate time, provided official transcripts of all previous educational experiences at college level on file. Any or all of the following documents may be included:

- 1) Official transcripts from all colleges and specialty schools to certify credits earned in residence, by correspondence, or by extension;
- 2) Form DD214 or 295 to verify active military service and attendance at service schools; and,
- 3) Official transcripts from DANTES.

### SEND TO:

DANTES Contract Representative (CLEP)  
Educational Testing Service  
Box 2819  
Princeton, NJ 08541

Transfer credit from accredited colleges is granted only for courses which contribute to the student's degree program and in which a grade of C or better was earned. This means that some courses in agriculture, home economics, industrial technology, secretarial



studies, and other vocational fields may be disallowed. The number of credits by extension and/or correspondence is limited to 30 semester hours.

A combined maximum of 48 semester hours may be allowed for educational experiences during active military service from the following sources:

- 1) Eight semester hours for active duty personnel; six semester hours for individuals who have in the past, served at least 6 years of honorable military active duty;
- 2) A maximum of 6 semester hours in each of the five general examinations of the College-Level Examination Program;
- 3) Credit for CLEP subject examinations;
- 4) USAFI and DANTES courses which contribute to the student's degree program; and,
- 5) Service school courses for which college credits are recommended by the American Council on Education.

## COLLEGE-LEVEL EXAMINATION PROGRAM

The five general examinations of the College-Level Examination Program (CLEP) are: English Composition, Natural Sciences (Biological and Physical), Mathematics, Humanities (Fine Arts and Literature), and Social Sciences and History. Although the Patrick AFB Branch does not administer the CLEP general examinations, it accepts for transfer purposes test scores attained at authorized testing centers after a student has applied for admission and established eligibility for the degree program. Military personnel may take these tests through the Base Education Office.

A part of all the potential 6 semester hours of credit in any general examination may be disallowed because of credit granted for courses taken before or after the examination. The duplication is easily recognized in English Composition, College Mathematics, Humanities, and survey courses which are given in many

colleges. In other instances, credit for certain subjects may duplicate part of the test, but credit is allowed for the other part, for example: Biological Sciences (botany and zoology, or Physical Sciences (chemistry, physics, earth sciences, astronomy); Fine Arts (music and art), or Literature (introduction to or types of literature); Social Sciences (psychology, sociology, economics, government), or history (history of civilization, world history).

## PROCEDURES

### TUITION AND FEES

Application for Admission Fee. . . . . \$15.00

This fee is payable at the time of application for admission to take courses for credit. **Application Fee is Non-Refundable.**

Tuition . . . . . \$37.00 per semester hour

Tuition is payable in full at the time of registration. Audit students (noncredit) pay the same tuition fee but not the admission fee.

Graduation Fee. . . . . \$10.00

(The above tuition and fees are established by the Board of Trustees and are subject to change.)

### WITHDRAWAL

Withdrawal from a course is acceptable only if written, stating reasons.

### TUITION REFUND POLICY

Tuition refunds will be granted as follows:

- 1) 100 per cent up to and including the final registration date;



- 2) 75 per cent from the final registration date through the second week of classes (first week in the Summer Session);
- 3) 50 percent from the third through the fifth week of classes (second week in the Summer Session); and,
- 4) No refund after the fifth week of classes (second week in the Summer Session).

Refunds will be based on the official date of withdrawal. In the case of withdrawal by mail, the postmark on the envelope will be applied. If the letter is delivered to the office personally, the date of the receipt of the letter will be used. Only official withdrawals received will be considered.

## GRADING SYSTEM

The student's work in a completed course is evaluated and recorded by letters with point equivalents as follows:

Grade	Quality Points	Grade	Quality Points
A	12	C	6
A-	11	C-	5
B+	10	D+	4
B	9	D	3
B-	8	D-	2
C+	7	F	0

The grade "I" is assigned temporarily if the work is incomplete at the end of the course due to circumstances beyond the control of the student. The instructor is the final authority in determining if an "I" should be assigned. The student has the responsibility to make arrangements with the instructor to complete the work within 60 days; otherwise, the grade will automatically be recorded as F.

A student may withdraw from a regular credit course without academic penalty, up to and including

the tenth class meeting. If a student withdraws from a regular credit course, after the tenth class meeting, he risks receiving a failing grade in the course. The responsibility for withdrawal rests with the student. The withdrawal should be in writing and delivered to the Rollins Patrick Air Force Branch Office.

## TRANSCRIPTS

All transcript requests must be made in writing to the Patrick AFB Branch Office. Before an official transcript may be issued, eligibility to take courses for credit must have been established. A nominal fee is charged for each additional transcript.

## ACADEMIC PROBATION AND DISMISSAL

Students falling within the following categories may be placed on academic probation:

- 1) Students who receive a grade below C- in two or more courses in any term.
- 2) Second, third and fourth year students whose cumulative average falls below 6.0.

Students belonging to any one of the following groups will be dismissed from the College:

- 1) A cumulative average of less than 5.0 at the end of 30 semester hours, a 5.5 after 60 semester hours, and 6.0 after 90 semester hours.
- 2) Failing two or more courses in any one term.
- 3) Failing one course in any term while making less than 5.0 average in other courses (except First Term Freshmen).
- 4) Failure to be removed from probationary status after a single term on academic probation.

If the student believes there are extenuating circumstances which justify an appeal of academic pro-



bation or dismissal, such appeal must be made in writing by the student to the Director of the Patrick AFB Branch.

### **OPERATION BOOTSRAP**

Military personnel who are authorized full-time study under Operation Bootstrap may earn 15 semester hours of credit in the Fall and Spring semesters and 6 semester hours of credit during the Summer Session. A student who desires a heavier academic load must obtain approval from the Director.

### **COUNSELING FOR SENIORS**

Students who have accumulated a total of 90 semester hours should request a review of their records in order to plan the remaining courses to fulfill all requirements for the Bachelors degree.

Graduating Seniors will be notified of pending graduation during their last semester. Application and graduation fees should be received at the Branch Office by the end of the term in which requirements are met. Candidates may elect to receive their degrees **in absentia** or wait until the following May Commencement.

### **DEGREE CONVERSION**

Now that the Patrick Air Force Base Branch of Rollins College is awarding the Bachelor of Science degree, holders of the Bachelor of General Studies degree from the Patrick Branch may convert the BGS to a BS by: 1) completing all requirements for the new degree; and 2) completing a minimum of fifteen hours of undergraduate work at the Patrick AFB Branch if the BGS currently held was granted earlier than three years prior to re-entry into the Branch.

### **VETERANS AFFAIRS**

The Office of Veteran's Affairs located in the Branch Administrative Office provides assistance and counseling to all veteran undergraduate students. This office can be contacted in person, or by telephone at (305) 783-7300, during normal office hours.

Veteran students in the MSCJ program will be administered by the Office of Veterans Affairs located on the Winter Park campus. This office may be contacted in person during normal office hours, or by telephone at (305) 646-2172 on a 24 hour a day basis.

New and returning veteran students should contact the Office of Veterans Affairs in advance of registration to avoid interruptions in benefits.

### **ASSOCIATE OF ARTS DEGREE PROGRAM**

In the Fall of 1974 the Patrick AFB Branch of Rollins College began offering the 2 year Associate of Arts Degree program.

### **FIELDS OF CONCENTRATION (Majors)**

- 1) Accounting
- 2) Business Administration and Economics
- 3) Humanities
- 4) Mathematics and/or Science
- 5) Criminal Justice
- 6) Social Sciences



**GRADUATION REQUIREMENTS  
for the  
ASSOCIATE OF ARTS DEGREE**

<b>SUBJECT AREA</b>	<b>SEMESTER HOURS</b>
English Composition & Literature	6
Humanities	6
Mathematics and/or Science	9
Social Sciences	6
Field of Concentration	18
Electives	<u>15</u>
<b>TOTAL SEMESTER HOURS REQUIRED</b>	<b>60</b>

Students having more than 78 semester hours of credit are not eligible to receive the AA Degree.

At least 15 semester hours must be taken in residence. A cumulative average of C (6.00) for all courses taken at Rollins College, is required for graduation.

When a student has satisfied in the last term all requirements for the Associate of Arts Degree, he submits a completed application for graduation to the Director of the Patrick AFB Branch along with a \$10.00 degree application fee. Rollins College, through the Patrick AFB Branch, will award the Associate of Arts Degree to the student. There is no formal commencement.

All credit earned in the Associate of Arts Degree Program may be applied toward a Rollins College Patrick AFB Branch Bachelors degree.

**BASIC DISTRIBUTION COURSES**

For purposes of clarification, the types of courses included in the Humanities, Mathematics and/or Science, and Social Sciences basic distribution areas, are:

**Humanities**

Art (History and Principles)  
Humanities  
Language & Culture  
Literature  
Music (History and Theory)  
\*Philosophy  
Religion  
Speech  
Theatre Arts

**Mathematics and/or Science**

Astronomy  
Biology  
Chemistry  
Geography (Physical and Conservation)  
Geology  
Mathematics (excluding Business Math)  
Physics

**Social Sciences**

Anthropology  
Economics  
Geography (Economic and Political)  
History  
\*Philosophy  
Political Science  
Psychology  
Sociology

\*Philosophy may be counted as either a Humanities or Social Science course, but not as both.

**TWO  
BACHELOR DEGREE PROGRAMS  
AVAILABLE**

Students have the option of pursuing one of two baccalaureate programs. The degrees available are:



## Bachelor of Science and Bachelor of General Studies.

**Fields of Concentration** (majors) available in **each** of the two degree programs are:

- 1) Accounting
- 2) Business Administration and Economics
- 3) Criminal Justice
- 4) Humanities
- 5) Mathematics and/or Science
- 6) Elementary Education
- 7) Social Sciences

Some **Basic Distribution** requirements, as well as some **Field of Concentration** requirements, are different for each degree. However, the total semester hours needed for all bachelor degrees is 120 semester hours.

The last 30 of the 120 semester hours must be taken in residence. At least 6 of these 30 semester hours must be in upper level courses in the **Field of Concentration**. A cumulative average of C (6.00) for all courses taken at the Patrick AFB Branch, is required for graduation.

### GRADUATION REQUIREMENTS for the BACHELOR of SCIENCE DEGREE

SUBJECT AREA	SEMESTER HOURS
English Composition & Literature	6
Humanities	12
Mathematics	6
Science	12*
Social Sciences	12
Field of Concentration	39**
Electives	33
<b>TOTAL SEMESTER HOURS REQUIRED</b>	<b>120</b>

At least 48 semester hours must be upper level courses (300-400). At least 18 semester hours in the Field of Concentration must be upper level.

\*Six semester hours must be in Laboratory Science. When the Field of Concentration is Mathematics and/or Science, the 6 semester hours of Laboratory Science may also be counted toward satisfying the Field of Concentration requirement. Thus, the student with the Mathematics and/or Science concentration will have 39 semester hours of electives rather than 33.

\*\*Exception - See Elementary Education concentration.

### GRADUATION REQUIREMENTS for the BACHELOR OF GENERAL STUDIES DEGREE

SUBJECT AREA	SEMESTER HOURS
English Composition & Literature	6
Humanities	12
Mathematics and/or Science	12
Social Sciences	12
Field of Concentration	30*
Electives	48
<b>TOTAL SEMESTER HOURS REQUIRED</b>	<b>120</b>

At least 48 semester hours must be in upper level courses (300-400). At least 15 semester hours in the Field of Concentration must be upper level.

\*Exception - See Elementary Education concentration.



## FIELDS OF CONCENTRATION

Listed below are the fields of concentration (majors) available. A minimum of 30 to 39 semester hours is required, depending upon the type of degree desired. (Exception - Elementary Education).

- 1) Accounting  
All courses necessary for taking the Certified Public Accountancy (CPA) exam are provided.
- 2) Business Administration and Economics
- 3) Criminal Justice  
Some related political science, sociology, psychology, and business courses may be counted toward satisfying the Criminal Justice concentration requirements.
- 4) Humanities  
Courses should be selected from the Humanities basic distribution area.
- 5) Mathematics and/or Science  
Courses should be selected from the Mathematics and/or Science basic distribution area.
- 6) Elementary Education
- 7) Social Sciences  
Courses should be selected from the Social Sciences basic distribution area.

## COURSE OFFERINGS

The courses to be offered during a given term of the Patrick AFB Branch are for the most part selected from the courses listed in this section of the Bulletin. However, other courses may be added which do not appear in the Bulletin. It is, therefore, necessary before each registration to obtain a course schedule for that particular term.

The courses are numbered 100 and 200 for lower level; 300 and 400 for upper level undergraduate courses. The number following the title of the course denotes the number of semester hours of credit.

It is always the student's responsibility to inquire if a course he wishes to take duplicates credit previously earned. In case of duplication, the student may lose all or part of the credit previously granted.

## ACCOUNTING

### **BA 204G Principles of Accounting I [3]**

Introduction to accounting theory; income measurement, analysis of transactions; recording procedures; preparation of financial statements.

### **BA 205G Principles of Accounting II [3]**

A study of relationship of accounting principles and practices; manufacturing cost concepts, systems and controls; supplementary statements; responsibility accounting; analysis and interpretation of financial statements. Prerequisite; BA 204G.

### **BA 221G Accounting in the Business Firm I [3]**

A study of the financial accounting principles and techniques used in the business organization to record and report financial activities, and to prepare and interpret financial statements. (For non-accounting students)

### **BA 222G Accounting in the Business Firm II [3]**

A study of the management accounting techniques used internally by business organizations as a guideline for product pricing, preparation of budgets, evaluating management performance, cost control, and management decision making. (For non-accounting students)

### **BA 312G Intermediate Accounting I [3]**

A study of accounting theory and practice in relation to professional preparation; in-depth study of accounting for assets and liabilities. Prerequisite: BA 205G.

### **BA 313G Intermediate Accounting II [3]**

A study of shareholders' equity; income determination; tax implications; cash/funds flow; mathematical principles and applications; professional pronouncements. Prerequisite: BA 312G.



**BA 314G Managerial Accounting [3]**

A study of the principles underlying the basic concepts of income, expenses, and valuation of assets. Analysis and interpretation of financial reports from the viewpoint of management and investors. Prerequisite: BA 205G.

**BA 335G Federal Taxation [3]**

A study of federal taxes; income, estates, gift, social security, and excise taxes. Emphasis is on income taxes. Prerequisite: BA 204G.

**BA 336G Cost Accounting I [3]**

A study of cost systems, job costs, process costs. The nature and purpose of cost accounting in relation to management, budgets, standard costs, preparation and analysis of cost reports. Prerequisite: BA 205G.

**BA 337G Cost Accounting II [3]**

Use of cost accounting systems and information; the development and function of budgets in planning; process and systems, procedures, and reporting in the control of cost elements; processes used in break-even analysis, cost-profit-volume analysis, differential and comparative cost analysis, and capital expenditure planning and control. Prerequisite: BA 336G.

**BA 352G Accounting Information Systems [3]**

A study of general accounting systems theory, and the design and operations of a contemporary accounting system in a mechanical and automated environment. (Prerequisites: BA 205G and BA 340G).

**BA 401G Auditing I [3]**

A study of audit evidence, authorizations, basic techniques including statistical sampling, review of internal and arithmetic controls and reconciliations. The role of the independent auditor, his legal responsibilities, his code of ethical conduct and his standards of reporting, field work and competence. Prerequisite: BA 401G.

**BA 402G Auditing II [3]**

Application of auditing principles to problems and cases. Includes statistical sampling, internal control, auditing computerized systems as well as traditional problems dealing with confirmation of receivables, inventory observations and fixed asset audit. Prerequisite: BA 401G.

**BA 403G Advanced Accounting [3]**

A study of the accounting principles and practices found in special forms of organizations, both profit and non-profit. Includes partnerships, consignments, home office/branch office, business combinations, consolidated statements, foreign branches and subsidiaries, fiduciaries, and governmental units. Prerequisite: BW 313G.

**BA 404G CPA Problems [3]**

A review of all parts of the CPA examination. Designed to aid candidates in developing approaches to solutions and answers to questions in the CPA examination. Prerequisite: Consent of instructor.

**BA 405G Contemporary Financial Accounting Issues [3]**

Provides an understanding that accounting is a living, growing discipline. Subjects covered include AICPA Accounting Principles Board Statements and Opinions as well as important subjects of research. Prerequisite: BA 313G, or consent of instructor.

**BA 406G Government and Fund Accounting**

An in-depth study of budgeting, accounting, and reporting procedures used by non-business entities. Topics will include the application of generally accepted accounting principles as they relate to government and non-profit organizations. (Prerequisite: BA 313G)

**BA 412G Financial Analysis [3]**

This course is designed to enhance the student's ability to analyze financial statements, to develop and use financial data effectively and to apply financial an-



alysis to business problems. Prerequisite: BA 313G or consent of instructor.

**BA 420G Management Financial Control Systems [3]**

A study of practical management control systems, their characteristics, organizational relationships, objectives, structures, processes and controls as used in profit and non-profit organizations. Emphasis is placed on Internal Administrative Control and Internal Accounting Controls and related systems/procedures. Prerequisite: Senior standing Business, Accounting, or consent of Instructor.

**ART**

**A 101G Introduction to Art History I [3]**

A survey of architecture, sculpture, and painting of Western civilizations, Renaissance to twentieth century. Changes in form, content, and style in major works for these periods.

**A 326G 20th Century American Art [3]**

The course will examine the wide range and variety of artistic expression in painting, sculpture and architecture in the light of America's growth and development.

**BIOLOGY**

**B 326G Biological Problems & the Community [3]**

Course focuses on common community problems and the light that can be shed on them by the biological sciences. Environmental, medical and economic topics are explored. Non-lab science.

**B 394G Marine Biology [includes Lab] [3]**

An introduction to life in the sea. Directed field oriented studies in the systematics, ecology, biogeography, and behavior of marine plankton, benthos and nekton. Emphases on representative field areas along the Central Florida coast.

**BUSINESS ADMINISTRATION**

**BA 150G Introduction to Computing [3]**

An introduction to computer solutions of problems in non-science fields. Course topics include a computer language (BASIC), simple logic in writing programs, and the capabilities of computers. Other special topics may be covered.

**BA 201G Business Math [3]**

A basic course on the mathematical concepts supporting the functional business fields of marketing, wages and taxes, interest, investments, statistics, and data processing. Realistic problems are used.

**BA 207G Introduction to Business [3]**

A study of business organizations; an orientation in the nature of, and opportunities in, the areas of accounting, personnel, finance, marketing, and production management.

**BA 208G Elementary Probability & Statistics [3]**

The development of fundamental probability and statistical methods for obtaining, analyzing and presenting numerical data. Purpose of course is to acquaint student with the basic theory of probability and statistics necessary to understanding research done in business and the natural and social sciences. Prerequisite: M 101G or equivalent. - M 206.

**BA 209G Introduction to Business Management [3]**

The basic principles and concepts of management techniques. The course provides a knowledge of and insight into the fundamental precepts in the development of all administrative and management systems and procedures.

**BA 220G Income Tax Procedures [3]**

Complete instruction in the preparation of Federal Income Tax forms: 1040, 1040A, 1065, 1120, and 1120S with supporting schedules. This course enables



students to prepare complex personal returns and for seasonal employment with tax preparation service firms if desired. Prerequisite: None.

✓ **BA 301G Applied Statistics for Business [3]**

The sources and uses of statistics and the application of statistical methods to industry, finance, and marketing through management case presentation and practical readings.

**BA 307G Basic Financial Management [3]**

A comparative presentation of basic concepts of modern financial management with emphasis on: 1) impact of the new technologies on the profit system; 2) the true function of finance; 3) the relationships between the organization chart, data analysis, visual control systems, and company and personal goals; 4) the management report as a tool for decision making; and 5) case studies and student experiences.

**BA 308G Fundamentals of Investments [3]**

A study of the social and individual sides of investments, the investment markets, instruments, mechanics, measures of return and factors in choice of investments; investment policies and practices. Obligations of the U.S. Government and its agencies. Prerequisites: BA 204G and EC 212G.

**BA 309G Estate Planning [3]**

A practical study concerning wills, law of intestacy, federal estate tax, life insurance planning, the marital deduction, jointly held property, gift tax, charitable deductions, revocable and irrevocable trusts. Actual estate planning techniques will be emphasized thus enabling students to plan their personal estates.

**BA 311G Principles of Marketing [3]**

Principles and methods of marketing, and analysis of the market structure, movement of goods from producer to consumer including market functions and institutions, channels of distribution, policies, cost,

advertising wholesaling and retailing. Prerequisite: EC 211G.

**BA 315G Principles of Industrial Management [3]**

A study of the modern manufacturing organization emphasizing capital investment, plant location and layout, materials handling, product development, labor relations, methods improvement, and production and quality control. Prerequisite: EC 211G.

**BA 320G Business and Technical Writing [3]**

Techniques of effective writing relating to such areas as technical and administrative reports, public information releases, technical writing, etc. Prerequisite: E 102G.

**BA 321G Public Relations in Business [3]**

Public relations techniques applied to business; public information releases; how to sell the public via news media, etc. Prerequisite: E 102G or equivalent.

**BA 322G, 323G Business Law [3] [3]**

Basic principles of law relating to contracts, agency, partnerships, corporations, personal and real property, estates, sales, negotiable instruments, security for credit transactions, and bankruptcy.

**BA 325G Personnel Management [3]**

Selection and training of employees; job analysis; work standards and labor productivity; merit rating and promotion procedures; wage determination; handling of employee grievances; worker morale; fringe benefits. Prerequisite: EC 211G.

**BA 338G Management Organization Theory [3]**

The structure and functioning of groups and individuals in organizational settings. The nature of communication and interaction. Leadership, morale, motivation, interpersonal relations. Effective skills and attitudes. Decision making. Attaining maximum productivity, individual satisfaction and development. Case studies as well as



analysis of patterns of management practice. Prerequisites: EC 211G, 212G.

**BA 340G Computer Capabilities Survey [3]**

The aims of this course are: 1) to recognize the potential and limitations of computer systems, 2) to be able to bind applications and employ the computer, 3) to evaluate and control the computer installation's performance. System analysis and evaluation and the selection of computers for various applications are discussed. New trends and applications for business are also covered. Prerequisite: junior status in Business/Economics.

**BA 341G Systems Analysis, a Computer Approach [3]**

Introducing the fundamentals of management science employing computers as an analysis tool. FORTRAN programming will be covered. The topics of systems and models simulation, probability, queuing, and management planning models will be discussed. Prerequisite: BA 340G.

**BA 347G Project Management [3]**

The concept of project management will be studied including the history and development of this important and increasingly used management tool. Particular attention will be devoted toward the functions of the project manager and methods utilized to achieve his objective. Prerequisite: junior status.

**BA 351G Management Information Systems [3]**

Principles and practices in administrative work; use of computers and electronic operating machines to process data; data collation and processing; information concerning facilities, activities and contributions of the office. Prerequisite: BA 340G or junior status in Business/Economics.

**BA 361G Real Estate Principles and Practices I [3]**

The nature, character, and importance of land, the real estate business, kinds of property, contracts, deeds, the mortgage market, property valuation, and city

planning and zoning. (Part one of a two course series enabling individuals to apply for the Florida Real Estate Commission Salesman's License after completion of both courses.)

**BA 362G Florida Real Estate Law II [3]**

Legal aspects of real property ownership, legal descriptions, transfer and brokerage. (Part two of a two course series enabling individuals to apply for the Florida Real Estate Commission Salesman's License after completion of both courses.)

**BA 375G Management and the Consumerism Impact [3]**

The consumerism phenomenon and its effect on business and management. Protection of the individual business from faulty product selection, design, quality, production, servicing, advertising and warranting. The business - consumer - government triangle and its inter-relationships.

**BA 385G Managerial Psychology**

The application of psychological concepts and methods toward increasing the effectiveness of managers and organizations. Topics include understanding and changing one's self and others, resistance to change, creativity, ethics, productivity, roles and norms.

**BA 408G Small Business Management [3]**

A study of the place of small business in the American economy and some of the major considerations required to start a successful small business. The course will include: types and organization, legal problems and procedures, planning, financing, marketing, producing, control, and governmental influences. Case studies, outside research, and guest speakers will be utilized in the covering of course material. Prerequisite: EC 211G, EC 212G, BA 205G and senior status in Business/Economics.



**BA 409G Business Management [3]**

Actual problems of the business world presented from the viewpoint of top management at work; emphasis on the continuity, unity, and analysis of the problems facing the business manager. Prerequisite: senior status in Business/Economics.

**BA 410G Multinational Business Management [3]**

A study of the social, cultural, and economic impact that the multinational corporation has had on society. Emphasis will be placed on the organizational, environment, and strategy of the multinational enterprise. Policy and strategy in the areas of marketing, production, logistics, technology transfer, personnel and finance will be stressed.

**BA 417G International Marketing [3]**

The course presents the managerial approach to the marketing process as it applies to international marketing. Within the study of the organization of export-import marketing and the appropriate mix, special issues confronting the international marketer such as trade promotion, export cooperation and marketing to centrally planned economics will be considered.

**BA 421G Research and Development Management [3]**

A study of the problems of evaluating industrial and government research and development for management purposes; techniques for planning, administering, and controlling basic and applied research programs conducted by private businesses, the foundations, universities, and the government, through systems analysis. Prerequisite: senior status in Business/Economics.

**BA 422G Management-Labor Relations [3]**

Current developments in management-labor relations. Survey of labor organization development, leading to an examination of methods and legal aspects of collective bargaining. Grievances procedure and mediation of other labor disputes are discussed. Prerequisite:

senior status in Business/Economics or equivalent managerial experience.

**BA 423G History of Law [3]**

A history of law with emphasis on the development of United States national law.

**BA 426G Advertising [3]**

A survey course describing advertising within the context of history, psychological behavior, marketing principles, economics, government regulations, creative communication, philosophical viewpoints, business organizations, communications research and social effects. Prerequisites: junior status.

**BA 431G Government Contracts Management [3]**

A study of the aspects of management of government contracts from proposal to contract completion; applicable to prime and subcontracts; examination of problems in contract performance which affect every department in a company. Prerequisite: junior or senior status in Business/Economics.

**BA 436G Managerial Economics [3]**

Appraisal of major economics forces such as cyclical fluctuations, trends in production, labor force, wages, prices, technological developments, productivity, federal and local taxes, competitive behavior, public policy. The economic theory of policy decisions. Prerequisite: EC 211G.

**BA 483G Case Studies: Practical Public Relations [3]**

A round-table seminar, emphasizing real-life situations that covers problem-solving, campaigns, and public policy determinations in public relations management and its relationship with the media and public opinion.

**BA 485G Human Relations in International Business [3]**

A study of the interplay of social customs as they affect business trade relations between company officials of



domestic and foreign countries. (How to conduct business as an American with a representative of a Chinese, Japanese, German, French, Nigerian, Iranian, or Russian firm.)

## CHEMISTRY

### **C 101G General Chemistry I [5]**

A basic chemistry course dealing with fundamental principles and laws including atomic structure, bonding, stoichiometry and reactions. This is a laboratory course requiring two class meetings per week.

### **C 102G General Chemistry II [5]**

A continuation of C 101G. This course will explore the rules of solubility indepth with laboratory analysis of cations and anions in aqueous solution. Basic nuclear reactions will be covered as well as redox and half reactions, and electrochemical reactions. This is a laboratory course requiring two class meetings per week. Prerequisite: C 101G.

### **C 110G Chemistry and the Environment [3]**

A brief introduction to some of the concepts and methods of chemistry and their applications to the study and solution of environmental problems. No previous chemical knowledge on the part of the student is assumed. (includes Lab.)

### **C 311G, C 312G Organic Chemistry I and II [3] [3] [includes Lab]**

Basic study of the most important types of carbon compounds; their preparation, interrelations, and properties. Introduction to instrumental methods used in the separation and identification of organic compounds such as gas chromatography, nuclear-magnetic resonance spectroscopy, infrared and ultra-violet spectroscopy, and mass spectroscopy.

### **C 431G Biochemistry [3]**

An introduction to the principles of biochemistry, with emphasis on the chemical mechanisms by which living cells store and utilize energy and information. Includes structure and metabolism of fats, carbohydrates, proteins, and nucleic acids. (includes Lab.) Prerequisite: C 311G.

## CRIMINAL JUSTICE

### **CJ 320G, 321G Forensic Chemistry I & II [includes Lab] [3] [3]**

The use of chemistry and scientific methods in crime investigation.

### **CJ 331G Criminology [3]**

Analysis of extent and types of criminal behavior. Causative theories are examined and related to penological and rehabilitative programs as they have been developed historically and operate today.

### **CJ 340G American System of Criminal Justice I [3]**

An examination of the origin, concepts, and system of American jurisprudence as it applies to the rights of the individual, the defense, and the prosecution, from arraignment through appeal.

### **CJ 341G American System of Criminal Justice II [3]**

A case study course. A comprehensive study and analysis of selected recent cases of the United States Supreme court and the Supreme Court of Florida specifically pertaining to the rights of the individual and the duties and responsibilities of law enforcement officials.

### **CJ 343G Civil Liberties [3]**

An examination of the liberties and rights guaranteed to the individual by law and by custom and the relationship of these individual liberties and rights to the criminal justice system and procedures.



**CJ 344G Pretrial Preparation**

This course will examine and develop the methods used in the preparation of a criminal case for trial. Students will learn how to gather, analyze and categorize facts related to the applicable laws, for the purpose of determining if the facts are sufficient to sustain a criminal charge.

**CJ 345G Trial Techniques [3]**

This course is designed to develop skills useful in the presentation of a case in court. Matters studied include preliminary motions, selection of jury, opening statements, direct and cross examination, exhibits, objections, expert witnesses, hypothetical questions, impeachment, and arguments. Prerequisite: Previous courses in law enforcement or professional on-the-job experience.

**CJ 350G Crisis Intervention [3]**

The use of crisis therapy, including suicide prevention. An examination of present concepts of delinquency, racial behavior, deviancy, and mental illness. A view of the juvenile offender, the "teenage hot line," and resources available to local rehabilitation agencies. Emphasis is on prevention and rehabilitation. Films, tapes, and outside speakers as appropriate.

**CJ 355G Juvenile Crime [3]**

A study of the causes of juvenile crime and some solutions; theoretical and functional framework utilized in analyzing the relationships between the youthful offender and society.

**CJ 357 Drug Abuse Problems and Programs [3]**

The contemporary drug scene from the standpoint of prevention, education, and rehabilitation as dealt with by counselors, psychiatrists, clergy, sociologists, educators, law enforcement personnel, and others. Lectures, guest presentations, and discussions by working professionals.

**CJ 358G Sex Crimes Investigation [3]**

The purpose of this course is to provide the student with an introduction to contemporary law enforcement problems in the specialized areas of sexual assaults and interfamily violence. Discussions will cover deviant sexual behaviors, child abuse, battered women, forensic pathology, law, and psychology.

**CJ 359G Community Relations for Law Enforcement [3]**

Survey of current programs; police image and public response, public and intergroup relations; guest lecturers from news media; representatives from various minority and special interest groups. Acceptable for Social Science distribution.

**CJ 360G Correctional and Penal Systems [3]**

A study of organization and functions of institutions, non-institutional services, and the correctional rehabilitation of criminal offenders. Emphasis is on contemporary philosophy, methods, and the treatment of adult criminals.

**CJ 361G, 362G Modern Correctional Management [3] [3]**

Designed to provide an examination of basic correctional management, the techniques of the past and present, and the current professional status. Students will develop plans for a model correctional facility taking present-day laws and prisoner rights into consideration.

**CJ 365G Capital Punishment [3]**

An in-depth study of capital punishment with emphasis on historical background, present-day application in the United States, its effect upon the tenor of justice, and, the impact on the prosecution, defense, the defendant, the survivors of the victim, and community.

**CJ 367G Criminal Law [3]**

The legal aspect of arrest, search and seizure as it applies to law enforcement. Also, an examination of the Florida



Criminal Code, and how the many new interpretations of the elements of crimes affect the police officer.

**CJ 375G Private Security and Law Enforcement [3]**

The relationship between private and industrial security systems and conventional state and local law enforcement agencies. An examination of how private security and personnel activities can support, assist, and reinforce law enforcement personnel and vice versa.

**CJ 410G Special Problems in Law Enforcement I & II [3] [3]**

Contemporary problems of critical concern to the police community. Students review and evaluate factors related to police professionalism, ethics, community relations, review boards, organized crime, police unions, use of force, and anti-police organizations.

**CJ 415G A Comparative Analysis of Law Enforcers and Law Breakers [3]**

(Cops & Robbers) An examination of the police as an institution both as part of and apart from the world in which the police operate through an analysis of the moral and political claims of those who enforce and those who break the law.

**CJ 420G Advanced Police Administration [3]**

Advance study of contemporary operational concepts of administration. Students will explore emerging ideas such as lateral entry, team policing, central staff control, and professionalization.

**CJ 430G Police Intelligence Operations [3]**

Explores the historical, contemporary, and philosophical highlights of police intelligence operations. Interrogation, surveillance, and intelligence record-keeping are examined with respect to organized crime, labor problems, and dissident groups.

**CJ 435G Criminal Investigation [3]**

Modern criminal investigation requires a rational, scientific

approach by modern criminal justice students and practitioners. This course is designed to combine academic reasoning with proven methods to produce up-to-date legally acceptable investigative results.

**CJ 450G Community Crime Prevention Programs [3]**

Designed to develop correct planning concepts involving the community - individual citizens, neighborhoods, schools, churches, and service organizations - in crime reduction programs based upon community involvement and cooperation with local law enforcement, corrections, and rehabilitative agencies. Programs, standards, and recommendations will be considered as they pertain to local units of government and as recommendations will be considered as they pertain to local units of government and as recommended by the President's Task Force on Community Crime Prevention.

**CJ 452G Court Administration and Management [3]**

This course is designed to survey the problems facing the court system and how these problems effect law enforcement and corrections components of the criminal justice system. Problem analysis and solutions will be discussed and correct management and administrative procedures learned to help make the court subsystem a smoothly flowing component of the overall justice system in the civil and criminal divisions. Also, pertinent issues and current events will be discussed as to the total impact they will leave on the American justice system.

**CJ 460G Ethics, Morality and Criminal Justice [3]**

This course surveys the development of ethics and morality from the time of early Biblical records, through Hammurabi and his code of ethics to the present. Ethics, morals, and attitudes of our present day society will be examined and related to the total Criminal Justice System.

**CJ 480G, 481G, 483G**

**CJ 498G Research in Criminal Justice [3]**



## **ECONOMICS**

### **EC 211G Principles of Economics [Micro] [3]**

A foundation course for Business/Economics students. Supply and demand, pricing of resources, models of business firms, distribution of income, and wage structure.

### **EC 212G Principles of Economics [Macro] [3]**

A foundation course for Business/Economics students. Business cycles, inflation, unemployment, national income analysis, creation and flow of money, and international trade.

### **EC 303G Economic Analysis [Micro] [3]**

An elaboration of the basic principles of price theory as an analytic and predictive look, using graphic analysis and techniques; market price analysis, product pricing and output. Prerequisite: EC 211G.

### **EC 304G Economic Analysis [Macro] [3]**

An analysis of the behavior and relationship of the broad aggregates of economic activity. Attention is given to economic fluctuations and factors influencing growth. Prerequisite: EC 212G.

### **EC 305G International Economic Relations [3]**

A study of the general principles of international economics, trade finances, theories, policies, practices, methods, institutions, problems, foreign aid, balance of payments, and the role played by the United States. Presented in a trilogy of theory, policy and practice towards a better understanding of the complex economic interdependency of nations. Prerequisites: EC 211G, EC 212G.

### **EC 306G Public Finance [3]**

Revenues and expenditures of federal, state and local governments. Repercussions of governmental expenditures and taxes upon individuals, business firms, and the economy. Implications of the national debt. Analysis

of the balanced tax system and principles for distribution of the tax burden; effects of deficit and surplus financing on the economy. Prerequisites: EC 211G, EC 212G.

### **EC 308G Economic Geography [3]**

A survey of industrial and agricultural resources which will include the problems of strategic stockpiling of geographical ecology as related to environment protection, and the role of agri-industrial economics in the development of the First, Second, Third, and Fourth (OPEC) Worlds.

### **EC 309G Money and Banking [3]**

A study of money, types of currency, modern banking operations, and the nature and use of credit. Monetary and financial theory applied to business and government. Banking history, development of Federal Reserve System of control. Monetary theories, financial intermediaries, foreign banking systems. Prerequisites: EC 211G, EC 212G.

### **EC 315G Personal Finance [3]**

Designed to enable individuals and families to rationalize personal income according to their needs and goals. Provides useful principles on which to make financial decisions with discussion of family budgeting, forms of savings, and major expenditures such as home buying along with the variety of financial institutions which a family encounters during its lifetime.

### **EC 321G Labor Economics [3]**

A study of the labor force trends in employment, wages and hours, labor unions, labor disputes and methods of settlement, and the theory and practices of collective bargaining, comparative labor movements, public policy in labor and industrial relations, production of minorities, labor issues of the future. Prerequisites: EC 211G, EC 212G.



**EC 327G History of Economic Thought [3]**

Discussion of historical development and evaluation of economic thought, based upon reading and interpretation of standard works in economics. Study of major economic schools of thought, their validity, usefulness and downfall. This course develops the relation between economic functions and social goals. Prerequisites: EC 221G, EC 212G.

**EC 331G Current Economic Issues and Problems [3]**

A study of complex contemporary economic issues and problems and factors involved; approaches to solutions of problems satisfactory to the nation and the international community. Prerequisites: EC 221G, EC 212G.

**EC 343G Economics of Social Issues [3]**

An examination of topical issues and problems in American society, such as consumerism, business monopoly, pollution control, the health care crisis, and the welfare problem. Exploration from the economist's viewpoint without the usual emphasis on models, graphics, or statistics.

**EC 422G Comparative Economic Systems [3]**

Evaluation of the basic problems faced by economic systems, and the special problems of authoritarian, competitive, and mixed economies. A study of competing economic systems, their nature, evolution, goals and variety within the major systems of capitalism, socialism, communism and fascism. Prerequisites: EC 221G, EC 212G.

**EDUCATION****ED 100G Contemporary Issues in Education [3]**

Examination of the role of schools in today's society. The causes of current problems, as well as the suggested alternatives to the present educational structure, are studied.

**ED 217G School and Society [3]**

(Formerly ED 301G - Sociological Foundations of Education)

An examination of sociological influences on educational theory and practice; also an examination of the role of the teacher and school in modern American life.

**ED 272G Educational Psychology [3]**

(Formerly ED 304G - Psychological Foundations of Education)

Application of concepts of psychology to children and adolescents in school situations. Psychological analysis of the learning process and the interrelationships between the individual and his environment. An examination of influences upon motivation, perception, and behavior of teachers, students, and administrators.

**ED 302G, 303G Early Childhood Education I & II [3] [3]**

The development and growth of the pre-school and early primary child; the history, philosophy, achievements, and goals of the teachers and schools for young children; the presentation and evaluation of ways in which children learn, and the materials, facilities, content, and facilities which enhance their learning. Opportunity for observation of activities is provided.

**ED 305G History of Education [3]**

A study of the historical development of educational thought and practice with implications for current school administration, curriculum, and teaching.

**ED 316G Instructional Materials [3]**

Selection, evaluation, and utilization of instructional materials. Among such materials are traditional and recent children's literature, maps, films, reference books, newspapers, television programs, and other audio-visual aids.



**ED 317G Music for Elementary Schools [3]**

Basic concepts, literature, and procedures relative to teaching music in the elementary grades.

**ED 318G Art for Elementary Schools [3]**

Fundamental concepts of color and design and the process of teaching art in the elementary grades.

**ED 324G Curriculum and School Organization [3]**

A study of curriculum planning and of school organization for both elementary and secondary schools.

**ED 361G Language Arts for Elementary Schools [3]**

Study of language arts programs in the elementary school with techniques of teaching handwriting, composition, spelling, listening and speaking skills.

**ED 362G Mathematics for Elementary Schools [3]**

(Formerly ED 363G - New Content in Elementary School Mathematics)

Sets, number systems and operations, and the procedures for teaching mathematics to elementary school students.

**ED 363G Social Studies for Elementary Schools [3]**

(Formerly ED 325G - Social Studies in the Elementary School)

Students will study traditional and recent trends in elementary social studies as well as examine modern content, materials, and evaluation techniques utilized in today's schools.

**ED 364G Science for Elementary Schools [3]**

A study of the major concepts in science taught in the elementary school and the methods employed to achieve the objectives of elementary science.

**ED 367G Health and Physical Education for Elementary Schools [3]**

Organizing and conducting physical education programs in elementary school; includes principles of health education.

**ED 369G Children's Literature [3]**

An investigation of children's literature and its role in the elementary school curriculum.

**ED 404G Tests and Measurements [3]**

The interpretation and use of evaluative techniques for use in classrooms and schools.

**ED 406G Teaching and Learning in Elementary Schools [3]**

Principles and methods of teaching and learning. For elementary teachers. Preparation for student teaching.

**ED 407G Teaching and Learning in Secondary Schools [3]**

Principles and methods of teaching and learning. For secondary teachers. Preparation for student teaching.

**ED 409G Teaching of Reading [3]**

Study of various approaches to teaching perception, beginning reading, word recognition, comprehension, and study skills. Current methods and materials in the field are explored.

**ED 417G Special Methods - Secondary School Subjects [3]**

Selection, evaluation, and utilization of instructional materials. Planning of content and methods and techniques of teaching in a special field.

**ED 490G Student Teaching - Elementary [9]**

(Formerly ED 433G - 434G)

Full-term, student experience including campus classwork, visitations to selected area schools and full-time



teaching experience in local schools under the direction of a cooperating school supervising teacher.

**ED 491G Student Teaching - Secondary [9]**  
(Formerly ED 433G - 434G)  
See course description for ED 490.

## ENGLISH

**E 101G English Composition & Literature I [3]**  
Review of grammatical usage and punctuation; study and practice of expository writing; introduction to the critical analysis of method and style in the short story.

**E 102G English Composition & Literature II [3]**  
The writing of a research paper; analysis of poetry of different types and eras; interpretation of drama including classical Greek, Shakespearean, and modern. Prerequisite E 101G.

**E 281G, 282G Types of Literature [3] [3]**  
A critical study of the nature of creative literature and the analysis of four major types: the short story, the drama, poetry, and the novel. A transitional course between Freshman English and the upper level English courses. Prerequisite E 102G.

**E 305G Advanced Composition [3]**  
Extends abilities in written communication beyond those attained in Freshman English; covers varied forms and types of written expression. Prerequisite: E 101G.

**E 306G The English Language [3]**  
A survey of the effects of linguistic change in phonology, morphology, syntax, and semantics. A study will be made of "traditional" grammar, with emphasis on the latter. Course required for the certification of secondary school teachers of English. Prerequisites: E 101G, 102G.

**E 347G, 348G Professional Writing: Fundamentals & Advanced Techniques [3] [3]**

Guided workshop practice with individual attention to writing and editing of fiction and nonfiction projects. Concentrated study and application of techniques of modern writers. Prerequisite: E 305G, or consent of instructor.

**E 351G Development of the Drama I [3]**  
A survey of important Greek and Roman plays. Emphasis on the close analysis of representative plays. Prerequisite: E 101G, E 102G.

**E 352G Development of the Drama II [3]**  
A survey of important French and British plays through Shaw, with emphasis on analysis of representative plays. Prerequisite: E 101G, E 102G.

**E 364G Twentieth Century Drama: British and American [3]**  
A survey of British and American drama from Shaw to the present, with emphasis on the analysis of selected plays. Prerequisites: E 101G, E 102G.

**E 390G Expository Writing (Thesis Research Methods) [3]**  
The techniques of expository writing for the student wishing to improve his ability to organize and present material. Careful critical study of structure and style. Bibliography and criticism. Advanced research methods and thesis writing. (Recommended for students preparing for graduate studies.) Prerequisite: E 101G, E 102G.

**E 391G World Literature I [3]**  
Selected readings in English from the great literature of the Western world. A survey of the literature of Greece, Rome, the Middle Ages, and the Renaissance. Prerequisites: E 101G, E 102G.



**E 392G World Literature II [3]**

Selected readings in English from the great literature of the Western world. A survey of the literature of the seventeenth, eighteenth, and nineteenth centuries. Prerequisite: E 101G, E 102G.

**E 403G American Literature I [3]**

A survey of American literature from 1645 to 1845. A study is made of historical and cultural backgrounds; selected works will be closely analyzed. Prerequisites: E 101G, E 102G.

**E 404G American Literature II [3]**

A survey of American literature from 1845 to the present. A study is made of historical and cultural backgrounds; selected works will be closely analyzed. Prerequisite: E 101G, E 102G.

**E 406G British Literature I [3]**

A survey of British literature from the earliest times to the 1800's. A thorough analysis will be made of selected literary works; consideration will be given to literary periods and the historical development of the literature. Prerequisite: E 101G, E 102G.

**E 407G British Literature II [3]**

A survey of British literature from the 1800's to the present. A thorough analysis will be made of selected literary works; consideration will be given to literary periods and the historical development of the literature. Prerequisite: E 101G, E 102G.

**E 417G Shakespeare I [3]**

A study of Shakespeare's life and times and selected major plays of his writing career. Prerequisite: E 101G, E 102G.

**E 418G Shakespeare II [3]**

A study of the Elizabethan theatre and selected major plays of Shakespeare's writing career. Prerequisite: E 101G, E 102G.

**E 499G English Seminar [3]**

A seminar devoted to a specific aspect of English; for example, contemporary literature, Asian literature, or the history of the English language. Emphasis is given to the reading and discussion of selected materials. Prerequisite: 12 semester hours of English, or consent of instructor.

## **ENVIRONMENTAL STUDIES**

**ES 382G Environmental Hazards to Health [3]**

Examines potential and real threats and solutions to human health problems posed by natural phenomena and the artificial alteration of environmental conditions in a technological society. Biological, chemical, physical, and moral aspects of problems and solutions will be considered.

**ES 386G The Future of the Environment: Doomsday, Utopia, or What? [3]**

An introduction to environmental issues and trends. Among the topics studied will be the meaning and assessment of quality of life, the limits to growth debate, human settlement patterns, energy, technology: problem or solution, pollution, environmental health, natural disasters, the future of Florida, and the environmental movement. Non-lab science.

**ES 387G Environmental Law [3]**

A study of the laws and regulations relative to environmental problems, their administration and implementation with particular emphasis on their practical application to Florida.

**ES 390G Introduction to Solar Energy [3]**

This survey course examines the application of solar energy for heating, cooling, agriculture and power generation. Devices such as flat plate collectors, concentrators, greenhouses, solar stills and solar cells are discussed both in terms of their underlying physical



principles, as well as their inherent economic and social costs and benefits.

## FOREIGN LANGUAGES

Beginning and intermediate courses in foreign languages are offered, subject to student interest. In addition, a 3 semester hour course, 210G, designed to develop the conversational aspect of the language, is sometimes offered. The question of duplication of credit in this case must be referred to the Director.

**FR 101G, 102G Elementary French [3] [3]**

**FR 201G, 202G Intermediate French [3] [3]**

**GN 101G, 102G Elementary German [3] [3]**

**GN 201G, 202G Intermediate German [3] [3]**

**SH 101G, 102G Elementary Spanish [3] [3]**

**SH 201G, 202G Intermediate Spanish [3] [3]**

**FR 210G Conversational French [3]**

**GN 210G Conversational German [3]**

**SH 210G Conversational Spanish [3]**

**FL 381G Introduction to Language [3]**

Open to all students. An introduction to the many facets of language. It aims to provide a basic understanding of how language is "put together" as well as how it develops and changes.

**FR 382G/383G French Language for  
Career Fields I & II [3] [3]**

Designed to help students acquire language skills to meet general social demands and to further develop competency to handle work-related requirements within business, professional, or career fields; independent study, and the audiolingual method will place primary emphasis on comprehension and speaking. This course can serve as a continuation of basic French language courses. Prerequisite is knowledge and proficiency in the students first language.

## GEOGRAPHY

**GG 201G World Regional Geography [3]**

An introduction to the major physical and cultural regions of the world.

**GG 300G, 301G Regional Geography [3] [3]**

The first course covers North and South America; the second, Europe and Africa. Each course examines the natural features and resources of the continents involved, and the related climate, soils, and vegetation, and consideration of the ways in which these physiographic factors have shaped the geostrategy of the particular community or communities.

**GG 302G Geography of Asia and Oceania [3]**

A regional study of the physical and economic geography of Russia, China, India, and the Pacific Islands (including Japan and Australia).

**GG 311G Physical Geography [3]**

Detailed treatment of the physical phenomena of world geography: soils, climate, vegetation. Available to satisfy part of the non-lab Science distribution requirement.

**GG 321G Geography and World Affairs [3]**

A survey of world political and economic patterns in the light of natural environments and cultural differences, with emphasis on the respective roles of the First, Second and Third Worlds. Prerequisite: GG 201G, or consent of instructor.

**GG 382G Conservation of Natural Resources [3]**

A survey of natural and human resources followed by a study of wise and wasteful practices of utilization of these resources. Course will satisfy resource certification for Social Studies teachers, and also count for non-lab Science distribution.

**GG 498G Directed Individual Study [3]**

A written outline or description of the study must



be approved in writing by the instructor and Director prior to registration. Prerequisite: Senior status and a minimum of 12 semester hours in subject matter area.

## **GEOLOGY**

### **G 201G Physical Geology [includes Lab] [3]**

A detailed analysis of the active geological forces, such as earthquakes, volcanoes, wind, waves, rivers and glaciers. Includes a study of the geomorphic processes and the resulting topography, as well as a study of the physical properties of common minerals and rocks.

### **G 301G Oceanography [includes Lab] [3]**

A study of oceanography with special emphasis on seawater composition and circulation, marine geology, marine biology and economic resources. Includes a history of ocean studies, present development, and the future potentials of the oceans. A two-day weekend field trip is required.

### **G 310G Marine Pollution I [includes Lab] [3]**

Study of estuaries, lagoons, tidal marshes and ecosystems. Discussion of major causes of pollution to include oil spills, pesticides, and sewage treatment processes. Discussion of Tidelands Real Estate Development, dredging, and coastal zone mining and drilling. Specific case studies of problem areas in the State of Florida. Course includes a Field Trip and Laboratory.

### **G 311G Marine Pollution II [includes Lab] [3]**

This course is designed for the student who does not mind getting wet. It will be a field lab course in which the student will make a study of Brevard County's marine environment. Field lab work will be supplemented by discussion of the existing Federal, State, and local laws pertaining to pollution.

### **G 315G Environmental Pollution [3]**

Introduction to ecology, as well as studies of pesticides, air pollution, water pollution, thermal pollution, noise

pollution, solid wastes, and population growth problems. Non-lab science.

## **HISTORY**

### **H 112G, 113G History of Western Civilization [3] [3]**

The first course is an introduction to civilization and cultures of the Western world to 1550; the second is an historical evaluation of political, social, economic, religious, and scientific ideas and institutions since 1550.

### **H 311G Modern Germany: Its Society and Culture [3]**

An examination of the political, social, economic, and cultural trends in Germany since Bismarck, with special emphasis on the Weimar era, the Nazi period, and conditions in the two Germanies in the post-war period to the present.

### **H 312G History of Modern England [3]**

The history of Modern England and the evolution of the Empire and Commonwealth from the Hanoverian Period to the present.

### **H 321G, 322G History of Latin America I & II [3] [3]**

The first course is a survey of Spanish and Portuguese colonial systems and institutions with emphasis on their long-range influences on the Latin American countries; the second is a study of the growth of the Latin American republics from the Wars of Independence to the present. Prerequisite: sophomore status.

### **H 331G, 332G, 333G, 334G Modern European History [3] [3] [3] [3]**

The first covers the Renaissance to 1815, with special attention to the intellectual achievements of the period, the political thought of the 17th century, and the back-



ground and significance of the French Revolution; the second covers the era from 1815 to 1914 with emphasis on the emergence and competition of the major nationstates, the development of revolutionary thought of the period and the impact of World War I on the world; the third treats the period from 1914 to 1939 with emphasis on European and world problems which led to the rise of totalitarianism and to the Second World War; the fourth deals with the period from 1939 to the present and includes a review of the causes and crises of the Cold War decades.

**H 336G Dictators of Modern Europe [3]**

An examination of the phenomenon of authoritarianism in twentieth century Europe through an understanding of some general concepts of authoritarianism, its historical manifestations in the regimes of Mussolini, Hitler, Franco, and Stalin, and the implications in our contemporary world.

**H 337G The Makers of Modern Europe:  
Studies in Biography [3]**

A study of the role of the "great man" in history and the use of biography, by examining the lives of prominent Europeans ranging from Martin Luther to Charles DeGaulle.

**H 341G, 342G, 343G, 344G History of the  
United States [3] [3] [3] [3]**

The first covers the Colonial period to 1783, the second from 1783 to 1865; the third, 1865 to 1920; the fourth, 1920 to the present.

**H 351G, 352G, 353G, 354G Oriental Civilizations  
from Antiquity to 20th Century [3] [3] [3] [3]**

The first covers Southeast Asia and Oceania; the second the Middle East and India; the third China; the fourth, Japan.

**H 363G Hitler: A Study in Tyranny [3]**

Course will examine the life, the career, and the myth

of Hitler. It will focus on the man himself and the Nazi movement. His role in the rise of the movement will be explored and will include a general discussion of the Nazi philosophy. The course will end with a discussion of Hitler's foreign policy and his role in World War II.

**H 364G The American Political Tradition [3]**

This course explores the American political tradition from the early national period to the present. It centers on several key elections (1800, 1828, 1896, 1928, 1960, 1972, etc.) and emphasizes the rise and development of the party system and the nature of American campaigns and elections.

**H 365G Stalin's Purges [3]**

This course will offer an extended view of one of history's fascinating and bizarre episodes, the Soviet purges of the 1930's. Among the topics of study will be: the purge as a general phenomenon; the purge as part of the Soviet system; the personal role of Stalin; the identity of the victims; and the impact of the purges upon the Soviet Union.

**H 381G Imperial Russia [3]**

A study of the history of Russia from the 15th century to 1917. The course is designed to give a thorough background to the historical features of the Russian nation in order to understand more fully the Soviet Union today.

**H 382G U.S.S.R. [3]**

An introductory course designed to analyze the major factors influencing the development of social, ideological, and political problems in the Soviet Union. Detailed study of the historical and cultural backgrounds, as well as the foreign policies of the U.S.S.R.

**H 430G The Great Depression and  
The New Deal [3]**

Introductory study of Republican ascendancy. Focuses on impending economic crisis and subsequent New Deal



reform movement. Emphasis on continuing interpretation of Roosevelt and the New Deal thru reading, class discussions, and written projects. Prerequisite: open to junior or senior students concentrating in History or Political Science, or consent of instructor.

**H 432G War in Modern Society [3]**

Concerned with war as a major force in modern history and its influence on social, economic, and political conditions, concepts and theories of war, and the origin and development of the military profession.

**H 461G Contemporary Asia [3]**

For advanced students only. Geographical, religious, cultural, economic and political factors leading to imperialism, nationalism, and the involvement of the United States. Prerequisite: 9 credits in History or Government, including 6 in oriental studies, or consent of instructor.

**H 498G Directed Individual Study [3]**

A written outline or description of the study must be approved in writing by the instructor and Director prior to registration. Prerequisite: senior status and minimum of 12 semester hours in subject matter.

**H 499G American History Seminar [3]**

A directed group examination of the patterns and trends in approaches to history and historiography, both in the United States and Europe. Emphasis will be placed on the focus and doctrines of nineteenth and twentieth century historians and their effect on the writing of American History. Prerequisite: 9 credits in History or Political Science, including six in American History.

## **HUMANITIES**

**HU 381G Contemporary Humanities [3]**

An investigation of the relationships between selected philosophical ideas and literature, art, and music of

contemporary society with emphasis on their relevancy to the individual student.

## **INTERDISCIPLINARY STUDIES**

**IC 300G The Problems of Aging  
(Disillusion or Joy) [3]**

An inquiry into the problems and difficulties which emerge with age such as, the shift in sexual behavior; the wife as an outcast; retirement and decay; widowhood; and wills, trust, and incompetency. May be used in Social Science or Humanities fields of concentration.

**IC 301G Courtship, Divorce and Marriage [3]**

An analysis of the social, economic and religious conditions of courtship, divorce and marriage. Marriage and divorce will be examined as they relate to the fulfillment of failure of courtship. Some topics explored are sex in courtship, intimacy in marriage, counseling, and legal aspects of separation and divorce, single parents and the family as the summum bonum. May be used in Social Science or Humanities fields of concentration.

**IC 305G Psycho-social Persepectives on Death  
and Dying [3]**

A review of current studies of death and dying from the points of view of psychology, sociology, art, literature, philosophy and religion. The course will blend experiential, theoretical, and practical approaches. May be used in Social Science or Humanities fields of concentration.

**IC 314G Anxiety, Stress & Loneliness: An inquiry  
Into Their Causes & Cures [3]**

Course will focus on the social and personal substructure of much of contemporary discontent and pathology. Among the topics to be treated are: kinesthesiology and feedback, the church as comforter, the benefit of psychological treatment, the culture or roots of loneliness and the need to serve. May be used in Social Science or Humanities fields of concentration.



**IC 321G Power, Force and Violence [3]**

An examination of the philosophical basis of power as it relates to such institutions as economics, politics, military, police, religion, etc. (May be used in Criminal Justice, Social Science or Humanities fields of concentration.

**IC 324G Personal Law [3]**

A practical course designed to teach the principles of law governing significant individual legal problems directly affecting daily living. Topics treated include: marriage, divorce, property and child custody rights, abortion, dependent and delinquent children and related domestic problems, wills probate, guardianships, trusts and estates, bankruptcy, garnishment, creditor laws, and consumer protection laws. (May be used in Business, Criminal Justice or Social Science fields of concentration.

**IC 335G The Holocaust [3]**

The primary aim of this study is to examine the historical roots of anti-Semitic thought in central and eastern Europe and to evaluate the responsibilities for the Nazi "Final Solution". The study also will focus on the Jewish persecution within the ghetto and concentration camp systems, with particular attention paid to the literature and philosophy of human hope and survival which was a part of this experience. May be used in Social Science or Humanities fields of concentration.

**IC 340G Mythology [3]**

An examination and interpretation of the myths of ancient civilizations and peoples, their gods, goddesses, divine heroes and sacred writings, with particular emphasis on the Greco-Roman mythology. May be used in Social Science or Humanities fields of concentration.

**IC 390G Political Philosophy I [3]**

This course explores the political, philosophic and ethical thought developed from the classical age of

Greece through the Protestant Reformation. Emphasis will be upon the thought of Plato and Aristotle, Cicero and Roman Law, medieval political and philosophic concepts, Machiavelli, and major theorists of the Protestant Reformation. May be used in Social Science or Humanities fields of concentration.

**IC 391G Political Philosophy II [3]**

This course is a continuation of IC 390G. This segment explores the political, philosophic, and ethical thought developed from the 18th century through the 20th century. Emphasis is upon the tenets of liberalism, radicalism, socialism and neo-conservative authoritarianism and how they related to the prevailing philosophic-ethical views of each period. May be used in Social Science or Humanities fields of concentration.

**IC 400G Contemporary Legal Issues: The American Criminal Justice Imperative [3]**

An upfront exploration of the strengths and weaknesses of the American justice system. Recent sensational cases such as the "Son of Sam" and the Patty Hearst trial will be highlighted. The course will address the theoretical and operational complexities inherent in the American justice system from the point of view of psychology, sociology, literature, and philosophy. May be used in Criminal Justice, Humanities or Social Science fields of concentration.

**IC 468G Law, Society & Business [3]**

This course is designed for those seeking careers in behavioral sciences, law enforcement, business or personnel administration. Lectures will acquaint the student with some of the world's outstanding trials and appeals, and will relate their sociological, economic, and philosophical implications to our society. Lectures and discussions will also consider the nature of law and how it develops and changes. Consideration is also given to new Federal and State laws and judicial decisions currently affecting business and society. May be used in Business, Criminal Justice or Social Science fields of concentration.



## MATHEMATICS

The course program in Mathematics is best understood in terms of the three sequences of course numbers:

- a. M 101G, M 102G, M 103G, M 212G, M 213G, M 303G and M 312G, M 313G, M 416G, M 431G. (Core Sequence)
- b. M 206G, M 211G, M 316G, M 321G, M 322G, M 434G, M 438G  
In addition to
- c. M 131G, M 231G, M 300G, M 316G

The first sequence provides the mathematical background essential for advanced physics and engineering courses; the second includes important courses which a mathematics major should take in addition to those in the first; the third gives a mathematical introduction to computer science. The student may take courses at the same level from the different sequences at the same time and benefit from the fact that they supplement each other.

A student who has had four years of high school mathematics recently may be excused from M 101G, M 102G and M 103G, if he did well in high school or passed the general examination of the College Level Examination Program.

### **M 100G Concepts of Mathematics [3]**

Primarily for students in liberal arts and business. A wide range of topics to provide working knowledge of common mathematical concepts from number systems to topics applicable to present day disciplines.

### **M 101G Introduction to College Mathematics [3]**

Sets and subsets; structure of the real number system; axioms of a field; operations on polynomials and rational expressions; solution of sets of linear equations, quadratic equations; relations, functions and graphs, and worded problems.

### **M 102G Elementary Analysis I [3]**

Number systems, axioms, sets, functions and their graphs, polynomials, binomial theorem, logarithm and sequences.

### **M 103G Elementary Analysis II [3]**

Trigonometric functions. Demoiivre's theorem inverse functions, complex numbers, elements of analytic geometry, probability. Prerequisite: M 102G or equivalent.

### **M 131G Introduction to Digital Computers [3]**

A basic course to introduce the student to the digital computer; what it is, how it operates, its systems of arithmetic and its programming languages. Prerequisite: M 101G or equivalent.

### **M 206G Elementary Probability & Statistics [3]**

The development of fundamental probability and statistical methods for obtaining, analyzing and presenting numerical data. Purpose of course is to acquaint student with the basic theory of probability and statistics necessary to understanding research done in business and the natural and social sciences. Prerequisite: N 101G or equivalent.

### **M 211G Analytic Geometry with Vectors and Matrices [3]**

The study of plane and solid analytic geometry using vectors and matrices. Prerequisite: M 103G or equivalent. May be taken coincidentally with M 212G or M 213G.

### **M 212G, 213G Calculus with Analytic Geometry [3] [3]**

An integrated course covering some plane analytic geometry with differential and integral calculus. M 221G is recommended at the same time as M 212G or M 213G. Prerequisite: M 103G or equivalent.

### **M 231G Data Processing [3]**

Continuation of M 131G in the field of automatic data processing; lectures and laboratory to provide



student with both theoretical knowledge and practical experience. Prerequisite: M 131G.

**M 300G Boolean Algebra and its Applications [3]**  
An intuitive development of the algebra of sets and of Boolean algebra; symbolic logic and the algebra of propositions; truth tables; valid arguments, and indirect proofs; switching algebra; basic circuits for binary arithmetic computations; introduction to probability. Prerequisite: M 102G or equivalent.

**M 301G Probability and Statistics II [3]**  
Continuation of M 206G. Prerequisite M 206G or equivalent.

**M 303G Linear Algebra [3]**  
Vector and vector spaces, simultaneous linear equations, matrices, and determinants; linear transformations, inner products, orthogonality. Prerequisite: M 213G.

**M 312G Intermediate Calculus [3]**  
Infinite series, partial derivatives and multiple integrals with applications. Prerequisite: M 213G or equivalent.

**M 313G Differential Equations [3]**  
The classification, solution, and application of various equations involving not only variables, but also the derivatives of these variables. Introduction to advanced methods of solution. Prerequisite: M 303G and M 312G.

**M 316G Linear Programming [3]**  
Matrix and vector theory extended to quantitative analysis. Maximization of profit functions, minimization of cost functions. Simplex method and transportation method. Prerequisite: M 102G or equivalent.

**M 321G, 322G Probability and Statistics [3] [3]**  
Elementary probability, models, combinations and permutations, expectations, variances, sums of random variables. Includes both discrete and continuous distribu-

tions, sequential sampling, testing by hypothesis, experimental design and analysis of variance. Prerequisite: M 213G.

**M 416G Vector Analysis [3]**  
Vector calculus; line and surface integrals, Green's, Stokes' and Gauss' Theorem; introduction to tensor analysis. Prerequisite: M 312G.

**M 431G, 432G Advanced Calculus [3] [3]**  
Extension of topics in M 312G in more depth and theory, implicit function theorems, uniform convergence, improper integrals, line and surface integrals, point-set theory, functions of a complex variable with applications, and Fourier series. Prerequisite: M 312G.

**M 434G Partial Differential Equations [3]**  
Extension of work of M 313G to functions of more than one variable. Legendre polynomials and Fourier series. Prerequisite: M 303G and M 313G.

**M 438G Introduction to Complex Variables [3]**  
Algebra and geometry of complex numbers, elementary functions, conformal mapping, elementary complex integration, series, residues, evaluation of infinite real integrals. Prerequisite: M 313G.

**M 498G Directed Individual Study [3]**  
A written outline or description of the study must be approved in writing by the instructor and the Director prior to registration. Prerequisites: senior status and minimum of 12 semester hours in subject matter area.

**M 499G Mathematics Seminar [Integral Equations] [3]**  
Volterra and Fredholm linear integral equations. Fredholm linear equations with bi-linear kernels. The relation between linear differential equations and Volterra's integral equation. Complete orthonormal system of functions. Fourier series. For seniors concentrating in mathematics or science. Prerequisite: M 303G.



## MUSIC

### **MU 207G Form and Style [3]**

A course designed to assist students, who have little or no musical training, in listening to music intelligently and to familiarize them with the works of the great composers.

### **MU 313G American Music - 20th Century [3]**

A survey of popular American music, including jazz, folk, western, rock, and other contemporary styles.

## PHILOSOPHY

### **PH 203G Introduction to Types of Philosophy [3]**

A comparison of several points of view in philosophy in terms of issues of continuing importance. Emphasis will be placed upon methods of unifying individual beliefs.

### **PH 221G Ethics [3]**

A study of various insights into the nature of wisdom and goodness, and their effectiveness as guides for human attitudes and actions.

### **PH 222G Practical Logic [3]**

A study of the application of the techniques of clear thinking.

### **PH 301G History of Early Western Philosophy [3]**

The development of philosophy in ancient Greece. Special emphasis will be given to concepts which have molded Western thinking in Democritus, Socrates, Plato, Aristotle, and Stoics. Prerequisite: PH 203G or equivalent.

### **PH 303G History of Modern Philosophy [3]**

The development of philosophy from the Renaissance to Hegel. Special attention will be given to the philosophies of Locke, Berkeley, Hume, Descartes, Leibnitz and Kant. Prerequisite: PH 203G or equivalent.

### **PH 328G Existentialism [3]**

A study of the problems and possibilities of theism, atheism, and humanism from the existentialist perspective. Authors to be read and discussed will include Kierkegaard, Nietzsche, Heidegger, Sartre, Marcel, Unamuno, and Berdyaev.

### **PH 343G Philosophy of the Recent Past [3]**

The development of philosophy after Hegel up to the present time. Special attention will be given to Neo-Kantianism, French positivism, American and British realism and analytical philosophy. Prerequisite: PH 203G or equivalent.

## PHYSICS

### **P 101G, 102G Astronomy [includes Lab] [3] [3]**

A scientific approach to the understanding of nature through the study of the solar system, physical characteristics of the stars, and the systems of the stars. Prerequisite: M 101G or equivalent.

### **P 201G General Physics I [includes Lab] [5]**

Part one of two semester sequence. Included are different theories of motion from those of Aristotle through those of Kepler, Galileo and Newton, motion of the earth and planets, conservation of energy and the study of waves. Prerequisite: M 101G.

### **P 202G General Physics II [includes Lab] [5]**

Continuation of the non calculus physics sequence. Included are studies of light, electric fields, and electro magnetism. One classroom session and one laboratory session per week. Prerequisite: M 101G.

### **P 301G Engineering Physics I [5]**

Part one of a two semester sequence consisting of the analytical study of classical mechanics, force, relativistic effects, momentum, rotational dynamics, oscillatory



motion and gravitational fields. Laboratory experiments and physical measurements are an integral feature of the course. Primarily for majors in engineering or the Sciences. One class room session and one lab session per week. Co-requisite M 212G.

**P 302G Engineering Physics II [5]**

Continuation of the Engineering Physics sequence of natural and experimental philosophy with laboratory to include the study of electrostatics, D.C. circuits, magnetic phenomena, wave motion, and solid state physics. One classroom session and one laboratory session per week. Prerequisite: P 301G, Co-requisite M 213G.

## **POLITICAL SCIENCE**

**PO 201G Principles of Government [3]**

General introduction to governments-national and local, with emphasis on principles and concepts of political science in the American democratic tradition.

**PO 304G Major Issues [3]**

A forum for the development of informal attitudes and opinions, approached through a discussion of contemporary political problems.

**PO 336G International Politics [3]**

General introduction to the theory and practice of international politics. The struggle for power of nation states is analyzed. The various methods of control of this struggle, e.g., the balance of power, international law, international organization, etc., are then reviewed. The course provides background for more advanced studies in international politics and the foreign policies of nation states. Prerequisite: PO 201G.

**PO 337G Comparative Government [3]**

A comparative study of major contemporary political movements and of governmental institutions and pro-

cesses. Great Britain, France, Germany, Russia, as well as some of the newly emerging countries will provide the materials for the discussion of key issues.

**PO 347G American National Government [3]**

A study of the federal government and its interstate realtionships. Attention is given to public policy making, the interaction of political purpose and parties, the administrative structure, interest groups and effective citizen participation. Prerequisite: PO 201G.

**PO 348G State and Local Government [3]**

Organization and functioning of state, county and municipal government, with emphasis on effective citizen participation. Special attention is given to evolving recognition and the government and politics of Florida. Prerequisite: PO 201G.

**PO 357G The United States and Latin America [3]**

A survey of U.S. relations with Latin America to the present emphasizing national policies and areas of conflict and common interest. Prerequisite: junior status.

**PO 361G American Foreign Relations [3]**

Diplomatic history of the U.S. from Colonial days to 1920.

**PO 385G Political Theory**

Study of representative thinkers from the Greeks to contemporary behavioralists with attention to conflict involved in the authoritative allocation of values.

**PO 458G International Law [3]**

The rights, obligations and relationships of national states in their intercourse with one another. Prerequisite: 6 credits in Political Science or History.

**PO 459G The Developing Nations [3]**

A seminar in the politics, economy and social relations in the emerging nations, with emphasis on Africa. Prerequisite: 6 credits in Political Science or History.



**PO 461G Contemporary Foreign  
Relations Problems [3]**

An extension of PO 361G to cover contemporary problems arising between the major powers in the world.

**PO 498G Directed Individual Study**

A written outline or description of the study must be approved in writing by the instructor and the Director prior to registration. Prerequisites: senior status and minimum of 12 semester hours in subject matter area.

**PO 499G Political Science Seminar [3]**

A directed group examination of the patterns and trends in approaches to politics and political philosophy. Emphasis will be placed on the focus and doctrines of nineteenth and twentieth century thinkers and their effect on American Political Science. Prerequisite: 9 credits in History or Political Science.

## **PSYCHOLOGY**

**PS 201G General Psychology [3]**

An introduction and systematic survey of the field of psychology.

**PS 204G Child Development [3]**

The physical and psychological growth and development of the child from birth to adolescence, with emphasis on the school-age child's adjustment to school and home. Prerequisite: PS 201G. Acceptable for teacher certification.

**PS 216G Drugs and Behavior [3]**

An investigation of the effects of drug usage on human and subhuman behavioral patterns, with emphasis on three areas; physiological responses, psychological and emotional reactions to drug usage, and the growth and maintenance of the drug subculture.

**PS 238G Development Psychology [3]**

Studies the physiological, psychological development of children with emphasis on those factors which promoted optimum growth. Prerequisite: PS 210G.

**PS 303G Psychology of Adjustment [3]**

A study of adjustment problems and methods of meeting them as related to personality, development. Prerequisite: PS 201G.

**PS 310G Abnormal Psychology [3]**

A study of behavior disorders in relation to normal behavior and mental health; survey of methods of classification, diagnosis, treatment and prevention of psychopathology. Prerequisite: PS 201G.

**PS 315G Behavior Modification [3]**

A systematic analysis of the principles of human behavior and their application to the modification of behavior in the following settings: parents and children; teachers and students; and individuals attempting to change their own behavior and the behavior of others. Practical application stressed.

**PS 320G Coping with Today's World [3]**

The practical application of psychological theories in solving modern problems associated with stress, tensions, unemployment, marriage, broken homes, handicapped individuals, etc.

**PS 325G Psychology of Motivation [3]**

This course reviews the research of comparative psychophysiologicals, animal behaviorists, social psychologists, and personality theorists as it pertains to the "why" of behavior. Historical and current developments, including work on biological rhythms, are used to establish a meaningful and contemporary integration of the field.



**PS 351G Adolescent Development [3]**

A study of growth and development of adolescents in the school, home, and the community. Prerequisite: PS 201G. Acceptable for teacher certification.

**PS 355G Psychology of Race and Ethnic Relations I [3]**

A study of the dynamics of membership in selected ethnic and racial groups and of intergroup tensions. Historical and cultural factors contributing to persisting problems are considered, as well as phenomena such as prejudice, discrimination and stereotypes. The effect upon personality and ethnic and racial group membership will be emphasized.

**PS 356G Psychology of Race Relations II [3]**

Designed to assess attitudes, prejudice, and bias; to analyze the language and methods of overt prejudice; to examine prejudice and the media, poverty and prejudice, and cultural differences; to deal with perceptions of interpersonal situations involving persons of different cultures, and to identify attendant cause-and-effect relationships.

**PS 360G Experimental Psychology [3]**

Experimental approaches to examining how humans and animals learn and respond to the stimuli in their environment. Changes and modifications in behavior will be demonstrated.

**PS 361G Learning Theories [3]**

The contributions of experimental and theoretical psychology to the problem of learning; antecedents and interpretations of the major theories. Prerequisite: PS 201G or consent of instructor. (Acceptable for teacher certification)

**PS 373G Psychology Applied to Business and Industry [3]**

A study of the application of the principles and methods of psychology to problems in business and industry, such as personnel selection, training, supervision, executive leadership and development, attitudes and job satisfaction, and effects of conditions and methods of work on productivity. Prerequisite: PS 201G.

**PS 395G Techniques of Counseling and Interviewing [3]**

A course designed for people in teaching, business, and industry. Surveys the theories and methods for counseling and interviewing. Offers practice in counseling and interview situations. Discussion of tests used in estimating vocational fitness. Prerequisite: PS 201G.

**PS 401G Theories of Personality [3]**

A study of major theorists' contributions to personality theory. An evaluation of the current status and research of each theory is part of the course content. Prerequisite: PS 310G.

**PS 408G Social Psychology [3]**

A study of behavior in the context of group processes and social factors. Prerequisite: PS 201G and one other course in Psychology.

**PS 415G Topics in Psychology [3]**

An advanced exploration of theory and research in selected areas of psychology. Topics for consideration are at the discretion of the instructor. May be taken more than once for credit under different topics.

**PS 425G Transactional Analysis [3]**

Basic concepts in behavioral Transactional Analysis which stresses the Parent-Adult-Child Ego States. System developed by Dr. Eric Berne in "Games People Play" and popularized by Dr. Thomas Harris' book, "I'm OK — You're OK; A practical Guide to Transaction Analysis."



**PS 498G Directed Individual Study**

For advanced students. Project (subject) to be planned by students for written approval by the Instructor and Director. Prerequisite: senior status and 12 semester hours in Psychology.

**RELIGION**

**R 201G The Old Testament [3]**

A study of the literature and religion of the Old Testament.

**R 203G The New Testament [3]**

A study of the content, character, hope, and promise of the New Testament.

**R 330G Judaism, Christianity and Islam [3]**

A study of the three great Monotheistic faiths in historical and cultural perspective.

**R 331G History of Religions [3]**

An introduction to the major religions of the world, Hinduism, Buddhism, Taoism, Shintoism, Zoroastrianism, Judaism, Christianity and Islam. A descriptive, interpretive and comparative study of religion.

**R 391G Nature of Mystical Experience [3]**

Study in and about mysticism, with students developing a practice of mediation and keeping a journal. The characteristics of mystical experience, disclosed in literature from the East and the West, will be analyzed from psychological and philosophical points of view.

**R 401G Contemporary Religions [3]**

Present day problems of religion. Communication; human existence; religion and the realm of reason; religion and culture; religion and world order; encounter of the East and West.

**SOCIOLOGY**

**SA 201G Introduction to Anthropology [3]**

An introduction to the field of anthropology. Human origins and evolution, the development of human racial types, and the prehistoric development of human cultures.

**SA 202G Introduction to Sociology [3]**

The major concepts utilized by sociologists in analyzing socio-cultural behavior, emphasis on human groups, their structure and functioning, and the significance of group phenomena for understanding human behavior.

**SA 302G Comparative Social Structure [3]**

A study of the variations in social structure that are characteristic of human society. Included is an analysis of American social structure and that of the U.S.S.R. Prerequisite: SA 201G or consent of instructor.

**SA 304G Human Sexuality [3]**

An exploration of the sociological, psychological, physiological dimensions of human sexuality. The course deals with the development of sexuality in the male and female, variations in sexual expressiveness, and current problems caused by changing morality.

**SA 308G The Family [3]**

The family is analyzed as a basic unit of society in the United States and in other cultures. Some attention is given to family disorganization.

**SA 311G Topics in Sociology [3]**

An advanced exploration of theory and research in selected areas of sociology. Topics for consideration are at the discretion of the instructor. May be taken more than once for credit under different topics.

**SA 313G Evolution of Man and Culture [3]**

An examination of man's biological and cultural past: tracing man biologically back to his origins, examining



the major archaeological finds, sharing man's cultural rise from hunting to agriculture and then to urbanized civilization; and looking at racial variation, with implications for the future. (Formerly titled, Human Evolution)

**SA 315G Social Problems [3]**

An examination of contemporary social problems, such as pollution, war, crime, racism, drug addiction, poverty, sexual deviation, and overpopulation, in an attempt to understand their nature and their consequences for society.

**SA 316G Deviant Behavior [3]**

An examination of several types of deviant behavior with a view toward understanding how deviance causes changes in our basic institutions.

**SA 320G Social Change and the Future [3]**

A study of social change processes and how they affect the organization of societies, man's relationship to his environment, and the nature of future life styles. Attention will be given to violence and comprehensive public planning as an alternative means to direct social change.

**SA 325G Social Disorganization [3]**

An analysis from the Behavioral Science viewpoint, of the phenomena of individual and group disorganization. Disorganization phenomena such as alcoholism, drug addiction, crime, divorce and suicide are studied within the context of the socio-cultural milieu. Prerequisite: SA 201G or SA 202G.

**SA 340G Principles of Social Work [3]**

An examination of the history, philosophy and values of the social work profession, including the psychological, sociological, economic, and political variables which influence the development and effectiveness of social and rehabilitative service systems. Major emphasis will be placed on the various roles and functions of social workers in providing services to individuals, families, groups, and communities.

**SA 342G Social Work and the Health Care System [3]**

A review of the primary functional components of the health care system with particular emphasis on the interrelationships between social work and health programs and professions. Course will include public health, mental health, hospitals, outpatient facilities, public vs. private sector, and understanding of health professions.

**SA 345G Fundamentals of Community Organization and Planning [3]**

Detailed study and analysis of interventive techniques at the community level. Presents alternative approaches to community problem solving, utilizing the different professional roles of the social worker, community organizer and social planner.

**SA 346G Social Work Administration [3]**

Review of the various methods used in directing social service projects, programs or agencies, to include personnel practice, staff roles, supervision budgeting, proposal writing, etc.

**SA 380G Social Gerontology [3]**

Explores anthropological, medical, psychological, and sociological propositions about the elderly found in most societies, from "primitive" to industrialized, what behavior is universal among the elderly, the elderly's living environments; the effects of aging on sex and skills; the psychopathology of human aging; and death and bereavement.

**SA 397G Principles and Methods of Social Research [3]**

Critical review of principles and methods of social research, including methods of primary and secondary data collection and analysis, design or research methodologies, with an emphasis on research outcome utilization.



**SA 420G Principles and Methods of Social Casework [3]**

Principles and methods of one-to-one professional helping relationships; interviewing, problem identification and refinement, goal setting and other professional counseling roles. Pre/Co-requisite: SA 340G.

**SA 421G Principles and Methods of Social Group Work [3]**

Principles and method of small group problem-solving; group dynamics, goal setting, and techniques of goal acquisition, therapeutic functions of small groups.

**SPEECH**

**SP 202G Effective Speech [3]**

A practical course in the fundamentals of public speaking, principles, actual practice and constructive criticism.

**SP 305G Elements of Persuasion [3]**

Classical and contemporary theories of persuasion. Examining ethics of persuasion, motivational analysis, and non-logical appeals, plus the preparation and delivery of various types of persuasive speeches. Prerequisite: SP 202G.

**SP 322G Advanced Public Speaking [3]**

Practice with functional public speaking with emphasis on leadership, team building, and human relations.

**SP 328G Interpersonal Communications [3]**

A study of speech communication focusing on human interaction rather than the skills of platform speaking. The course is designed to help students learn about communication as well as to learn to communicate more effectively.

**THEATRE ARTS**

**TA 121G Introduction to the Theatre [3]**

An analysis of play scripts, a survey of contemporary theatrical activity in America, its organization and financing. A study of selected plays to determine their structure and form, and formulate a basic approach to play-going.

**TA 122G History of the Theatre [3]**

A survey of important periods in the history of the theatre from the Greeks to Ibsen. Both the development of the drama and the physical theatre and methods of production are included.

**TA 201G Fundamentals of Play Production [3]**

Elements of play production for the non-professional; selecting the play, advance preparation for production; casting and rehearsing; staffing the production; how to deal with costumes, scenery and lighting. Prerequisite: TA 121G or TA 122G.







## ADMINISTRATION

THADDEUS SEYMOUR, President  
B.A., University of California  
M.A., Ph.D., University of North Carolina

ROBERT D. MARCUS, Vice President for  
Academic Affairs and Provost  
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M.A., Columbia University  
Ph.D., Northwestern University

DANIEL F. RIVA, Dean of Continuing Education  
B.S., Springfield College  
M.A., The George Washington University  
Ph.D., University of Missouri

ROBERT E. LEE, Director, Patrick Air Force Base Branch  
B.S., Florida Southern College  
M.A., Ed., Western Carolina University  
Ph.D., Florida State University

TINA BEER, Registrar  
B.A., St. Lawrence University  
M.A., Ph.D., Vanderbilt University

The full-time faculty is supplemented by highly qualified part-time instructors who teach courses in their special fields of competence.

## FACULTY

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Ph.D., University of Florida

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## ROLLINS COLLEGE

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